

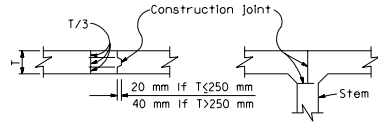


DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET TOTAL NO.	TOTAL SHEETS

R.A. Rogerson
 REGISTERED CIVIL ENGINEER
 No. C5112
 July 1, 1999
 PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

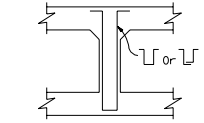
REGISTERED PROFESSIONAL ENGINEER
 R.A. Rogerson
 No. C5112
 Exp. 12-31-01
 CIVIL
 STATE OF CALIFORNIA



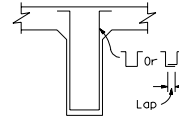
BRIDGE DETAIL 5-2
 Top or bottom slab

BRIDGE DETAIL 5-3

DECK CONSTRUCTION JOINTS

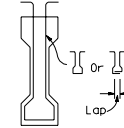


REINFORCED BOX GIRDER
 Girder or diaphragm



Girder, bent cap or diaphragm

A reinforcement bar must be placed inside of each stirrup hook or 90° bend.



PRECAST GIRDER

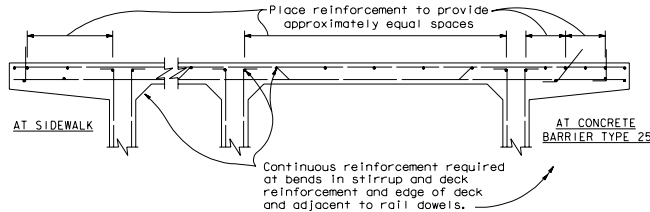
Stirrup Size	Lap (mm)
#13	125
#16	150
#19	200
#22	225
#25	250

BRIDGE DETAIL 5-5
 ALTERNATIVE STIRRUPS

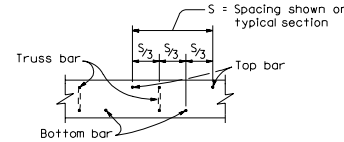
NOTES

The Contractor shall submit a deck placing schedule which will be subject to the approval of the Engineer. Unless shown otherwise on the plans, the following conditions shall be provided for:

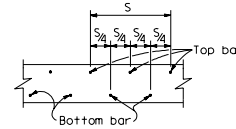
- Transverse joints will not be permitted in simple spans unless approved by the Engineer. For continuous spans, transverse joints may be located at about the $\frac{1}{4}$ point of span. If the deck is placed over continuous steel or precast concrete girders, the portion over the supports shall be placed last.
- Longitudinal joints shall be located at the edge of a traffic lane unless otherwise permitted by the Engineer.
- For decks supported on precast concrete girders, the intermediate and end diaphragms shall be placed at least five days before the deck.
- For deck supported on structural steel, the crossframes for the entire width of bridge shall be in place.
- Reinforcing steel shall be continuous thru all construction joints.



BRIDGE DETAIL 5-15
 TOP GIRDER REINFORCEMENT



BRIDGE DETAIL 5-10



BRIDGE DETAIL 5-11
 TRANSVERSE DECK REINFORCEMENT
 SPACING DIAGRAMS

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

BRIDGE DETAILS

NO SCALE

ALL DIMENSIONS ARE IN
 MILLIMETERS UNLESS OTHERWISE SHOWN

BO-5